

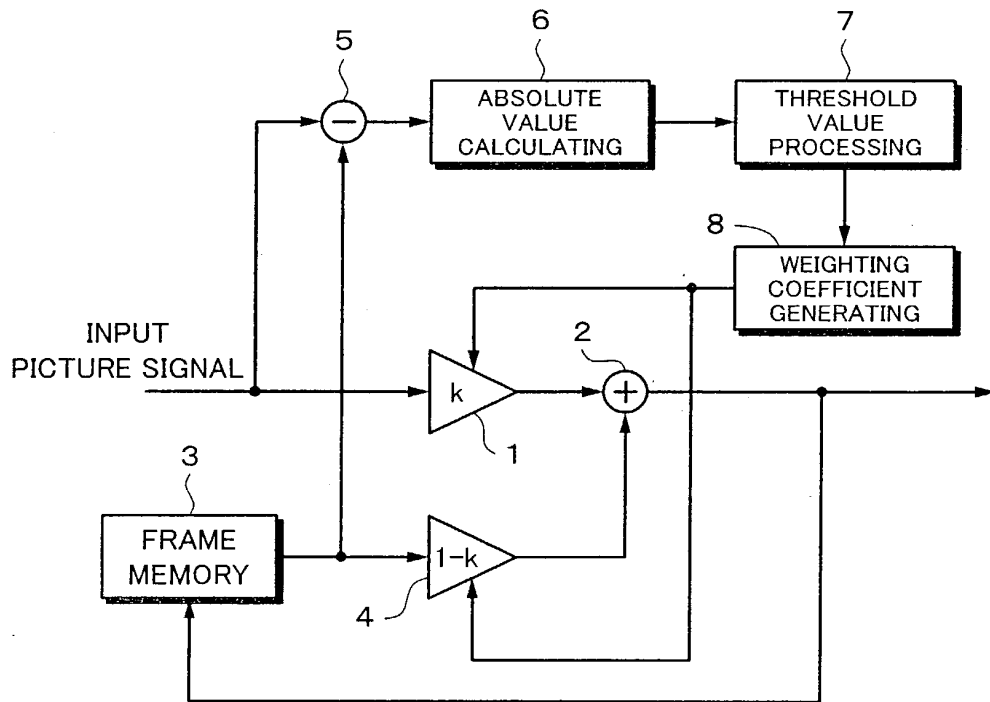
Fig. 1

Fig. 2

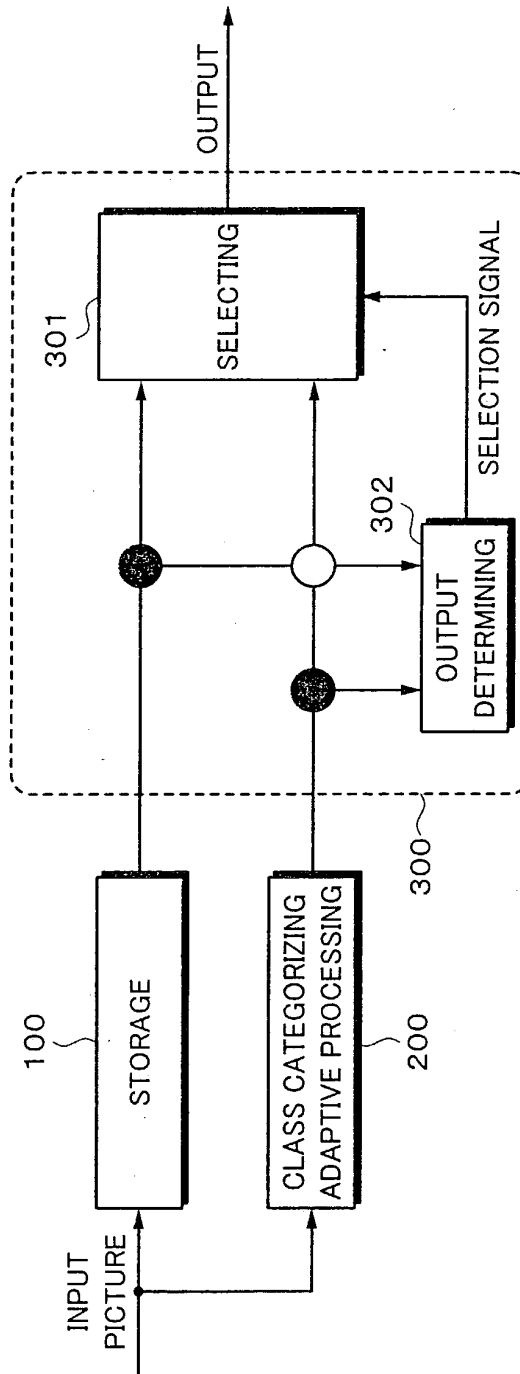


Fig. 3

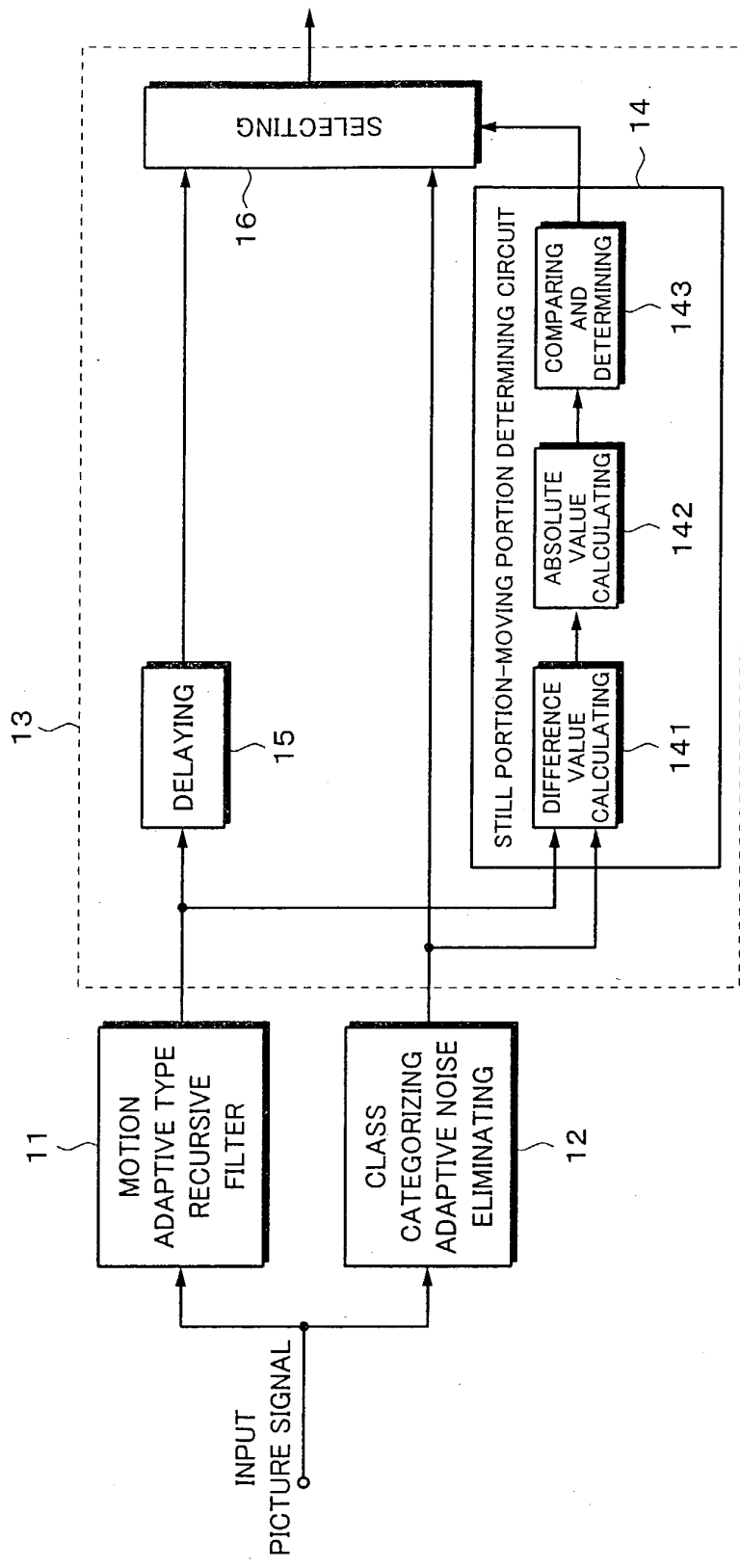


Fig. 4

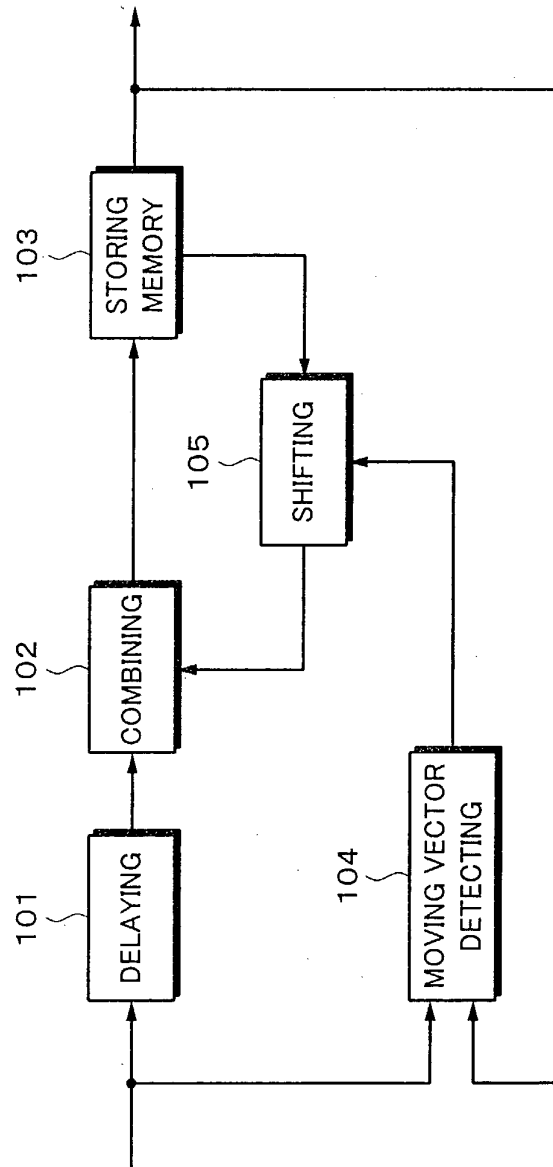


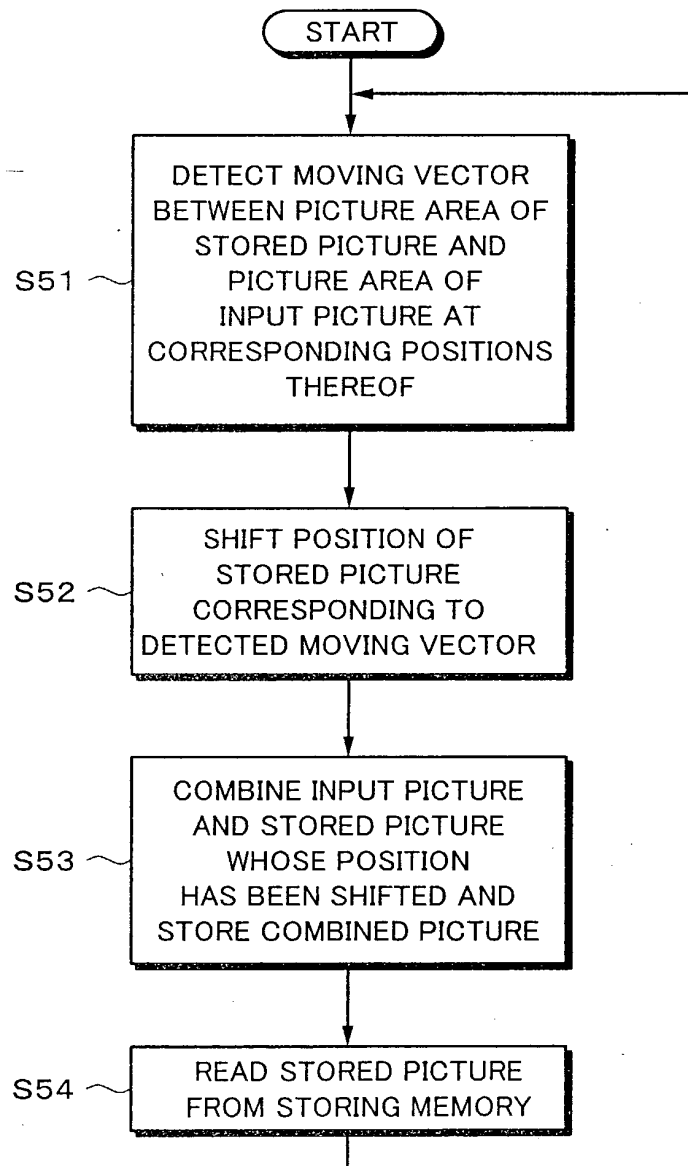
Fig. 5

Fig. 6

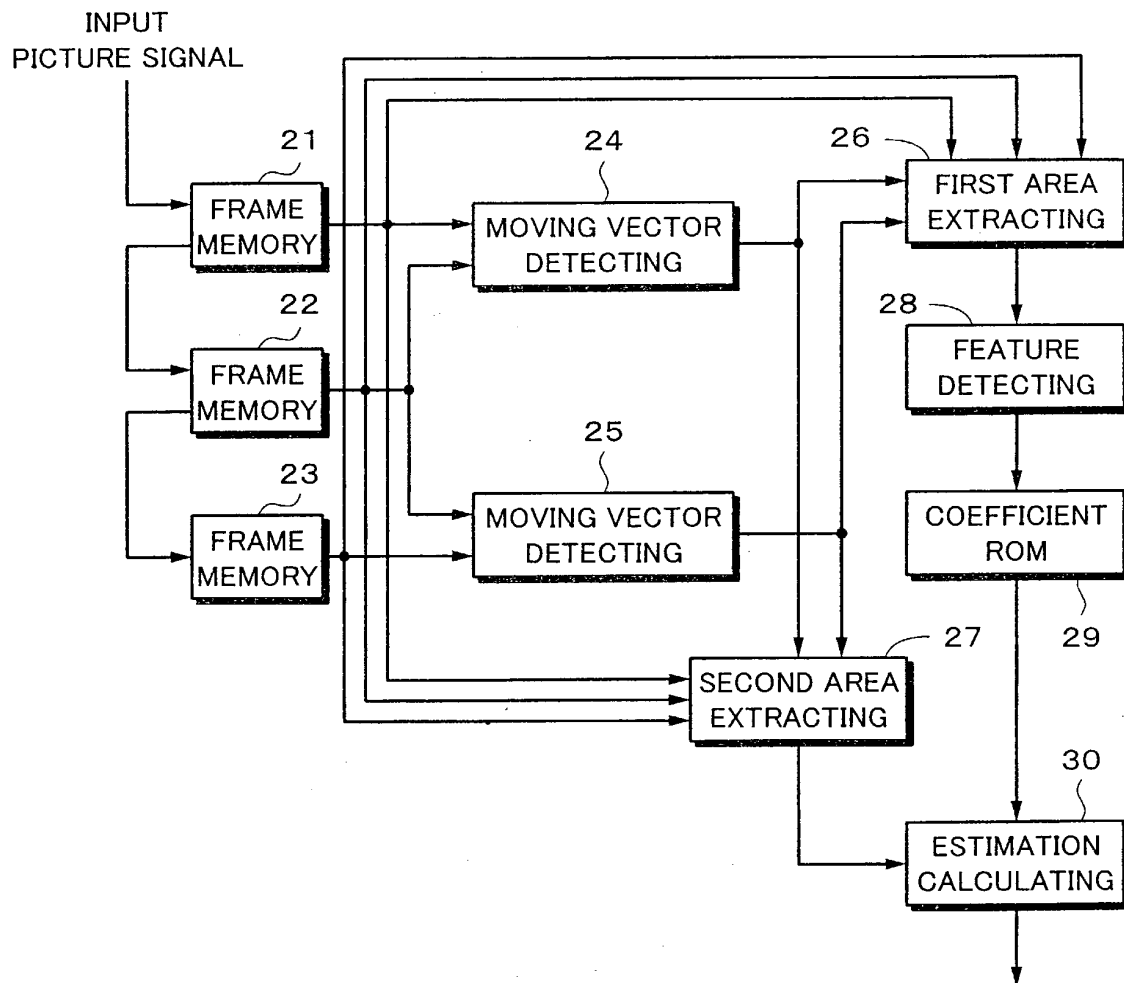


Fig. 7A

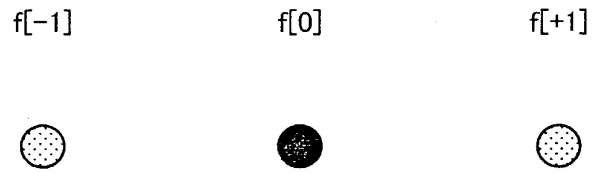


Fig. 7B

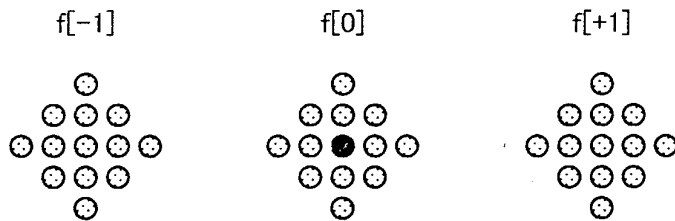


Fig. 7C

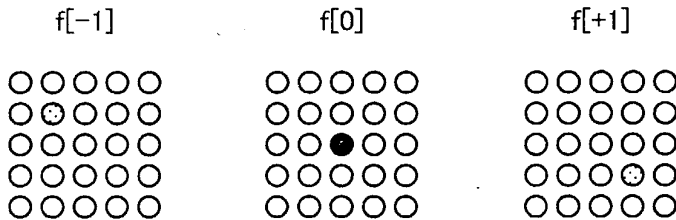


Fig. 7D

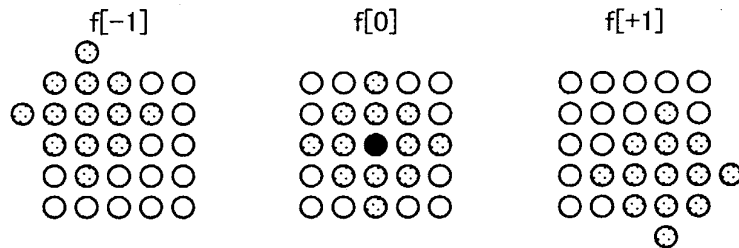


Fig. 7E

$(-1, -1)$	$(0, 0)$	$(1, 1)$
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Fig. 8

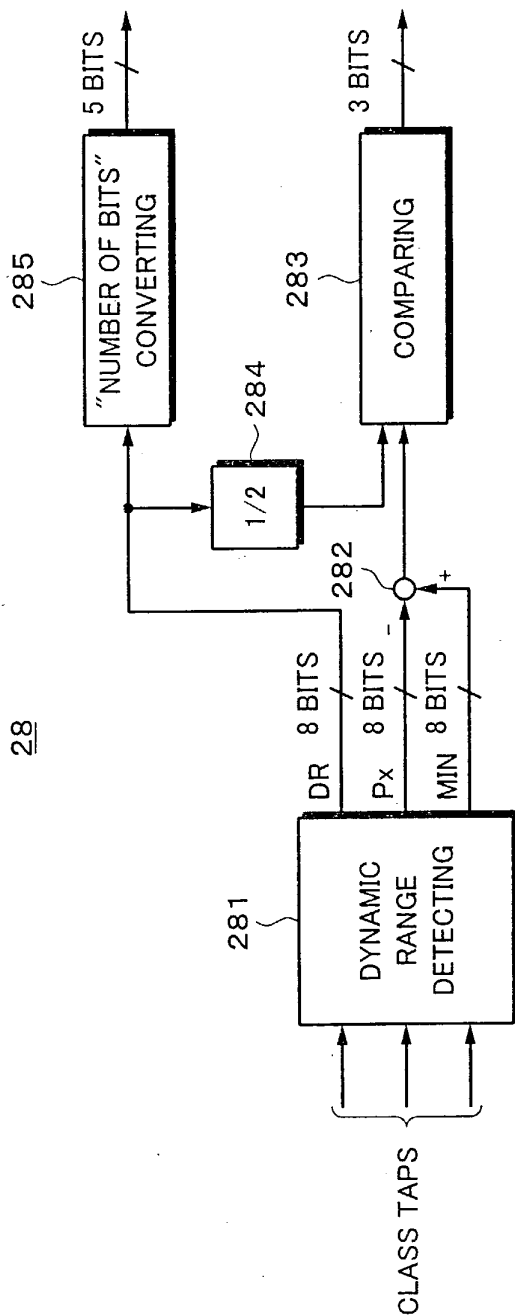


Fig. 9

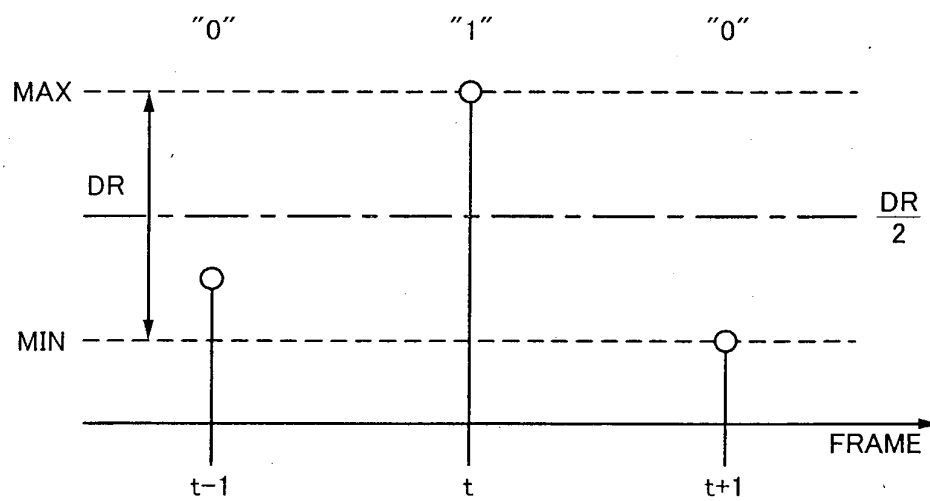


Fig. 10

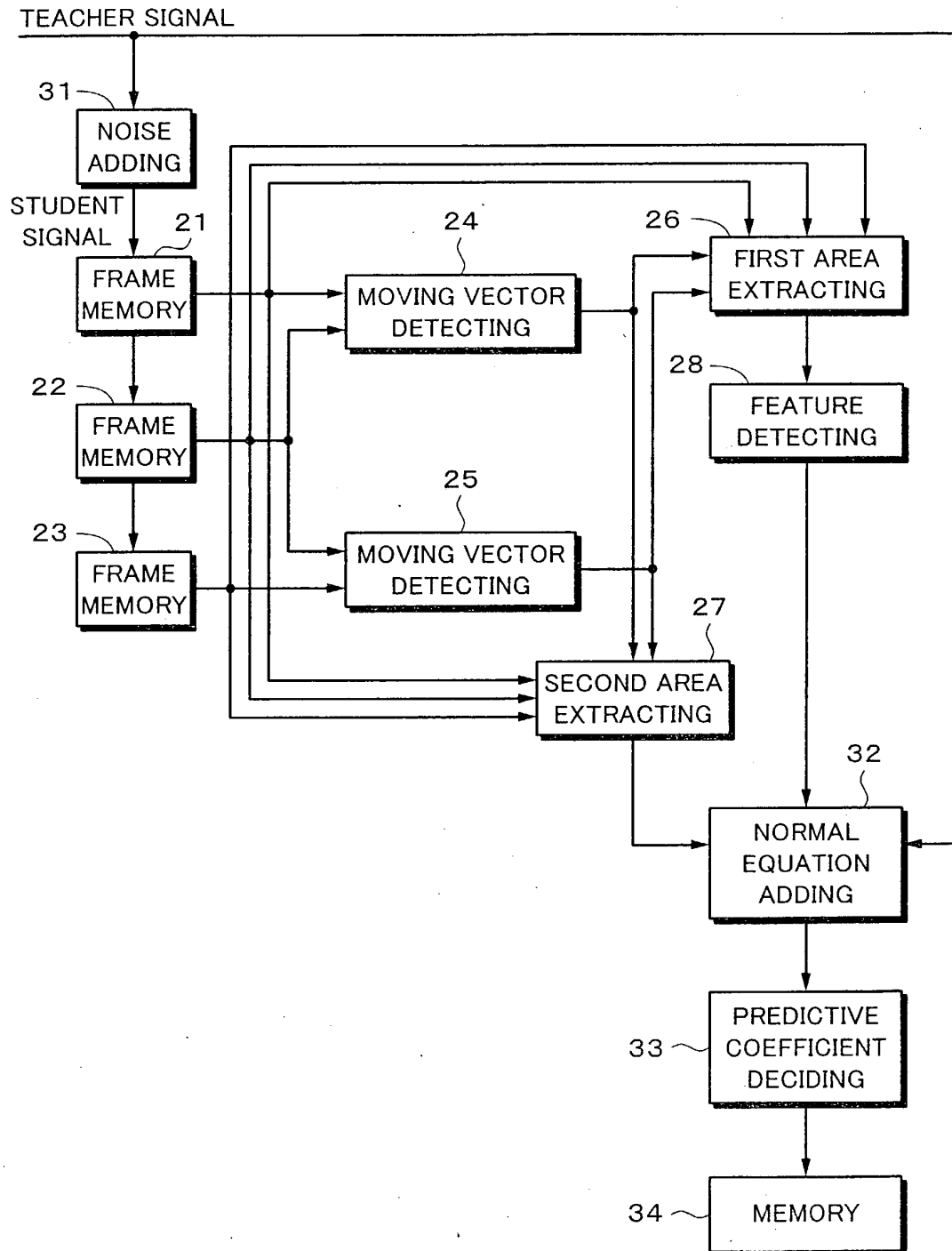


Fig. 11

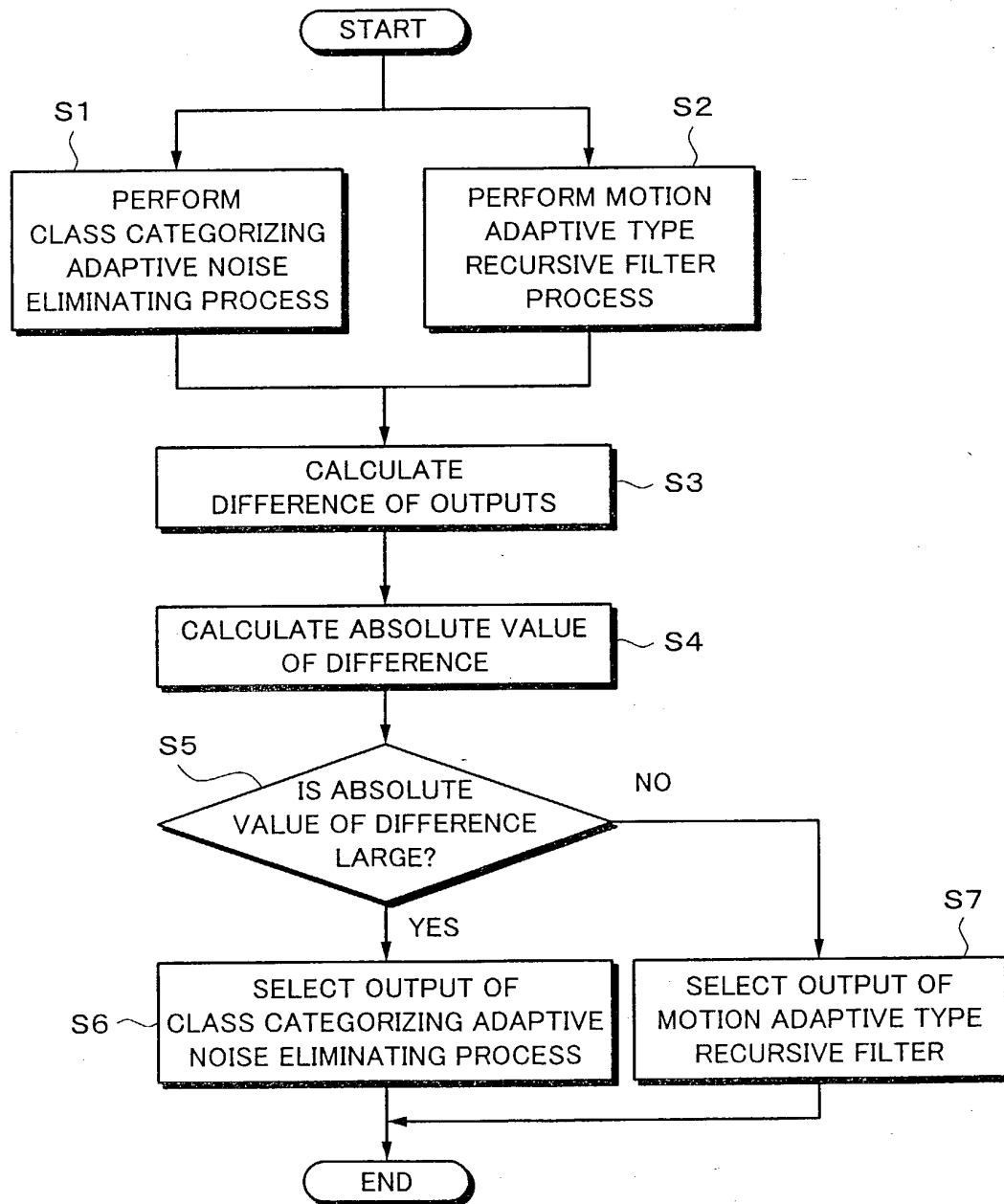


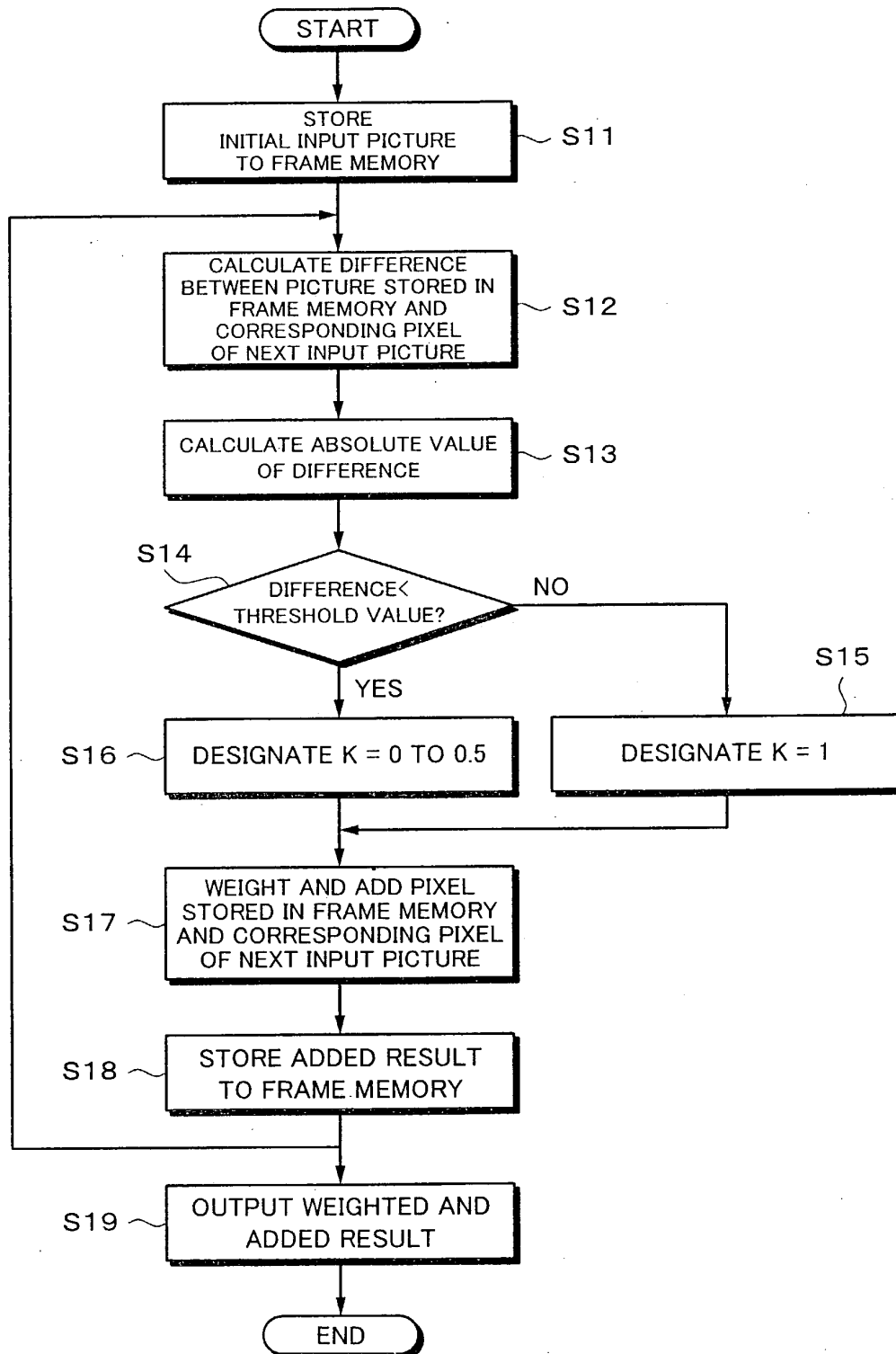
Fig. 12

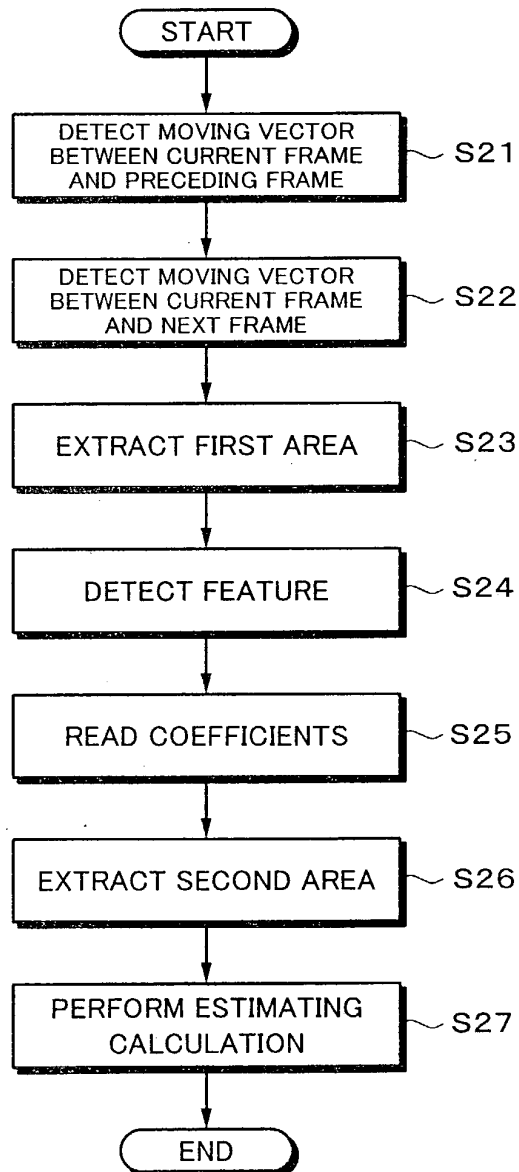
Fig. 13

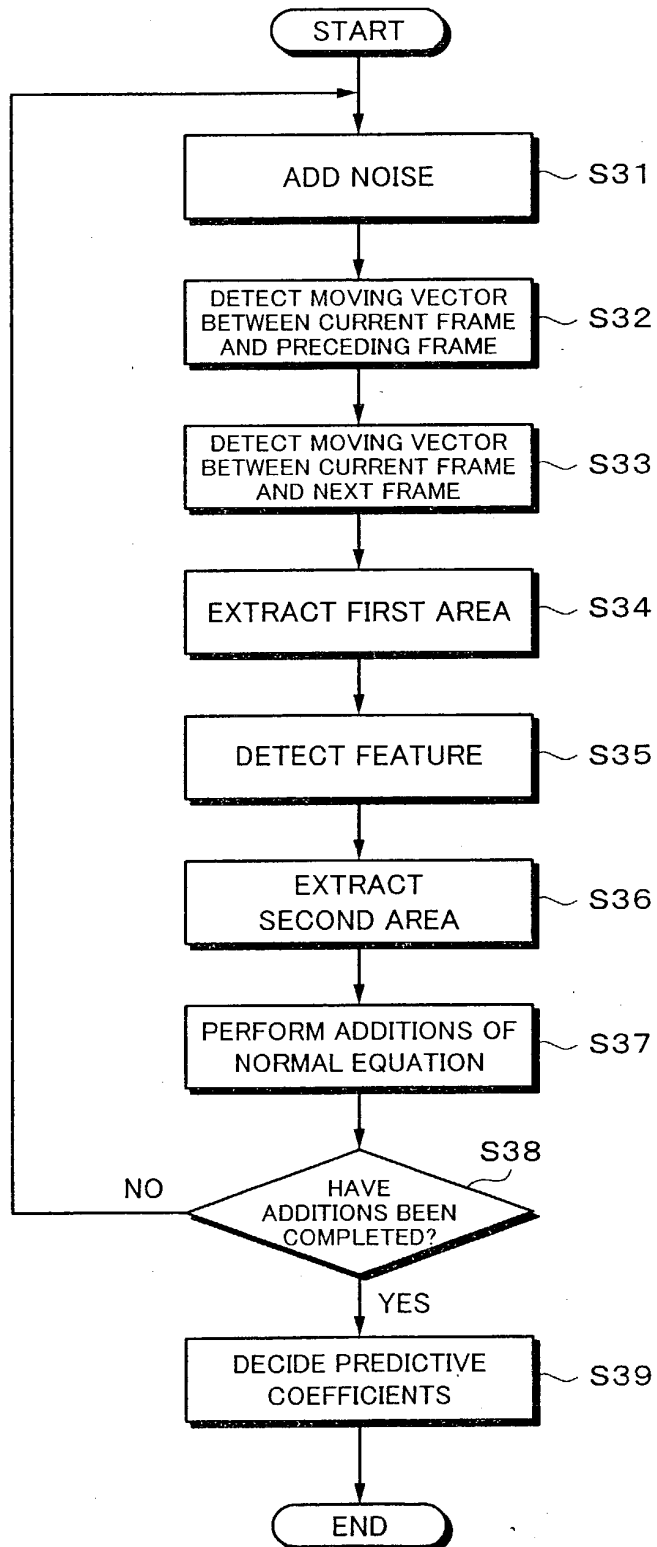
Fig. 14

Fig. 15

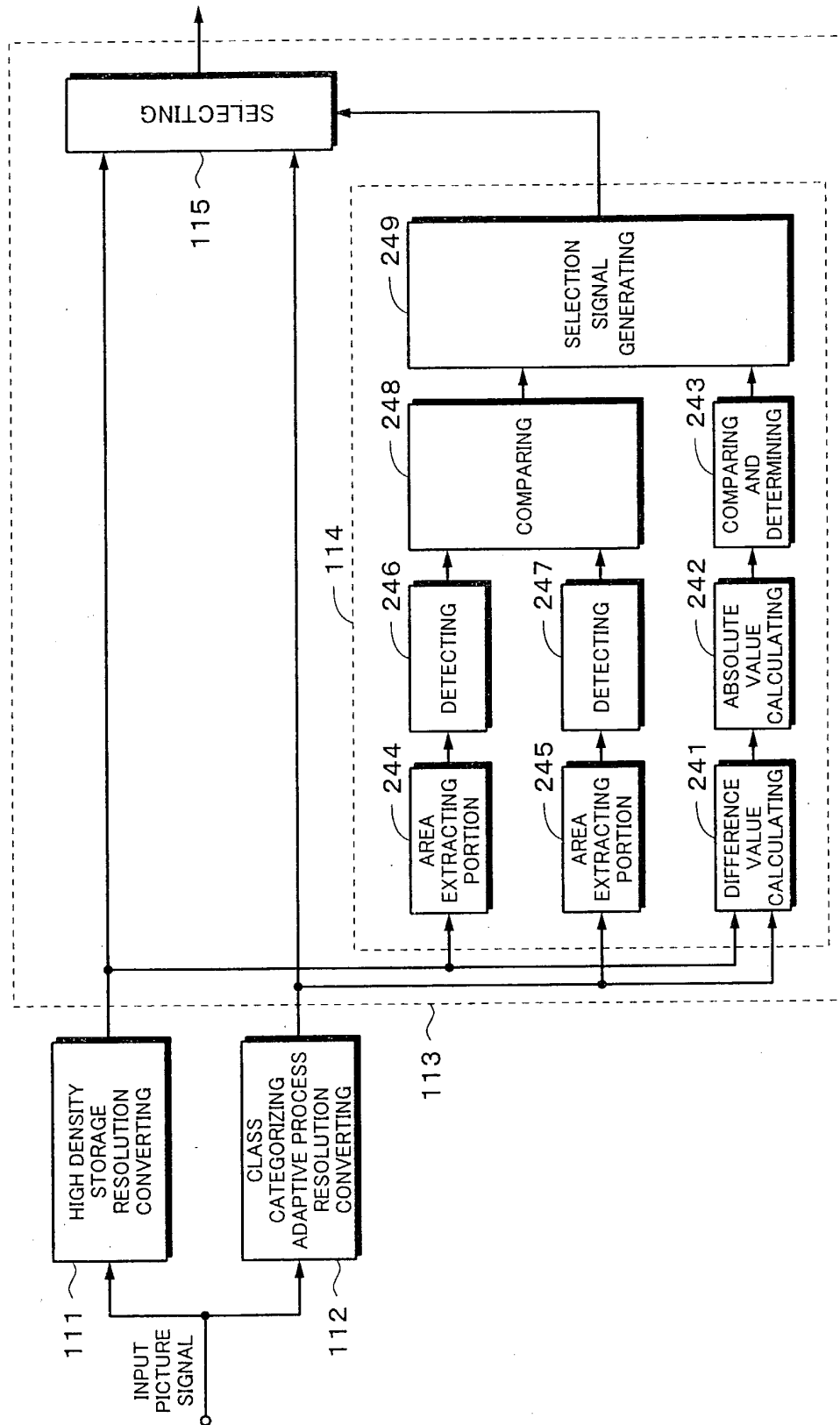


Fig. 16

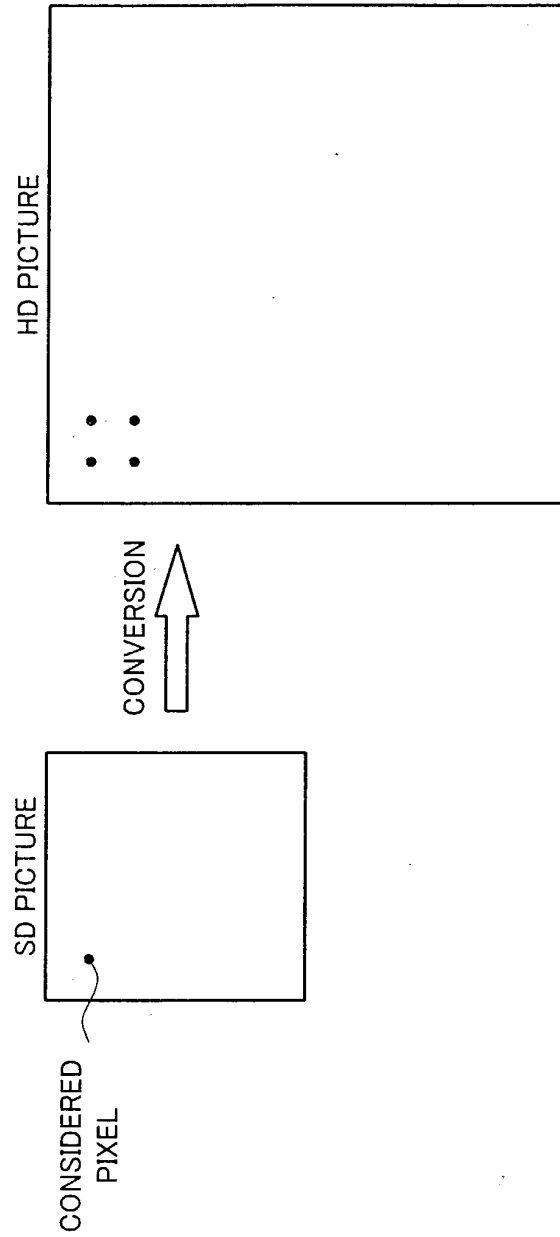


Fig. 17

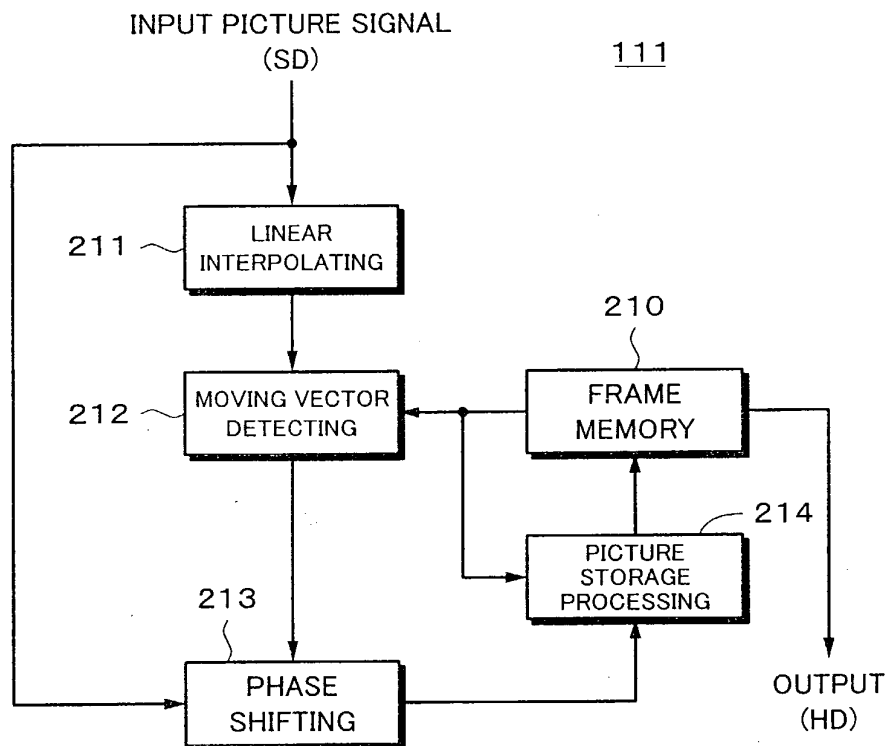


Fig. 18A

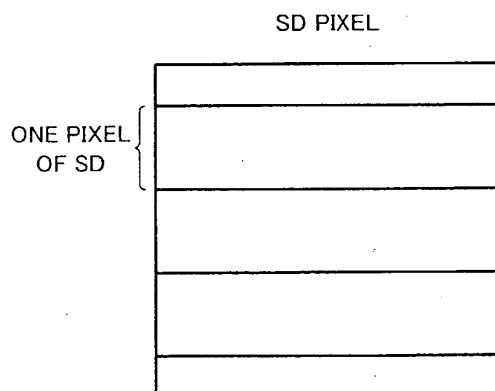


Fig. 18B

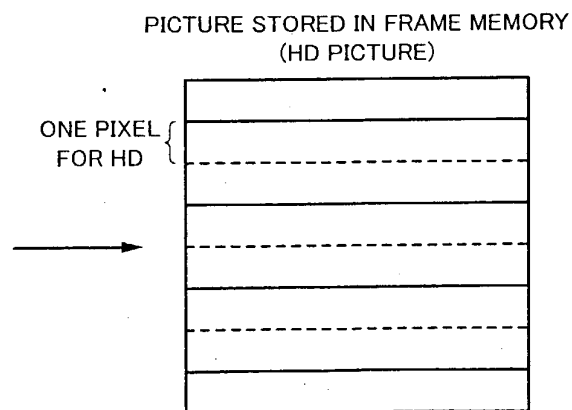


Fig. 19A

Fig. 19B

Fig. 19C

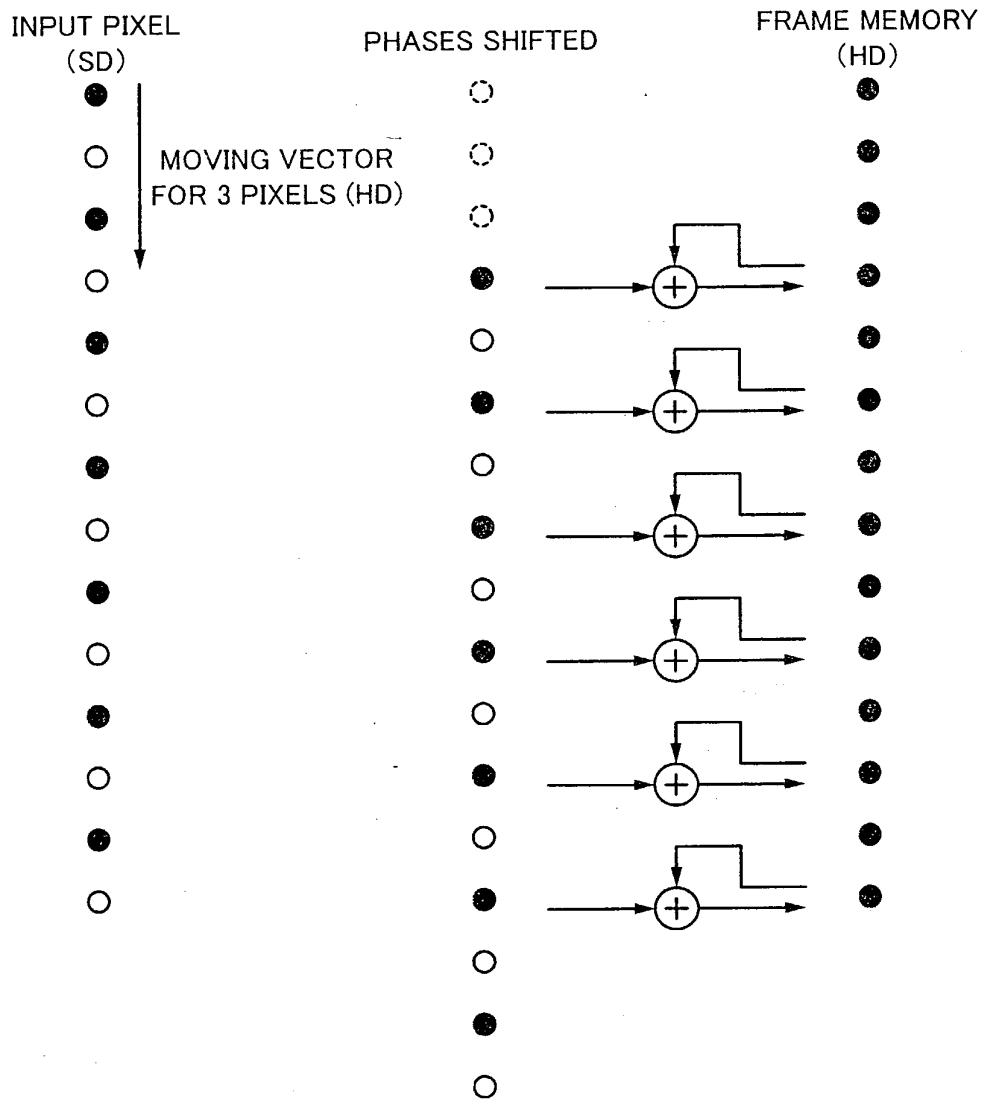


Fig. 20

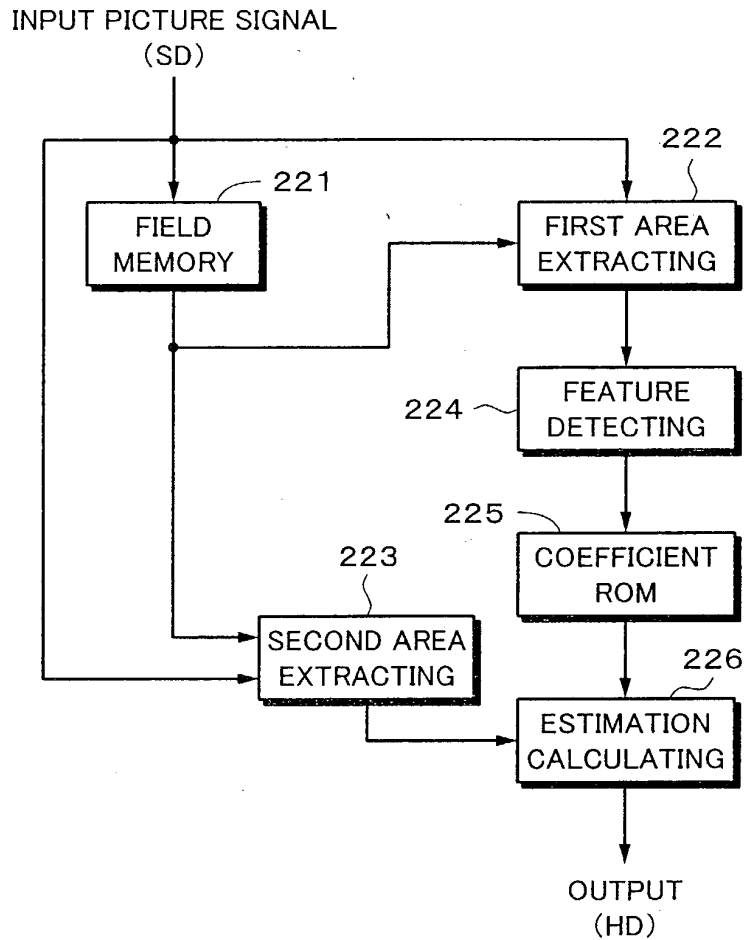


Fig. 21A

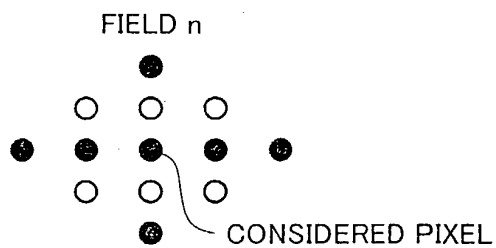


Fig. 21B

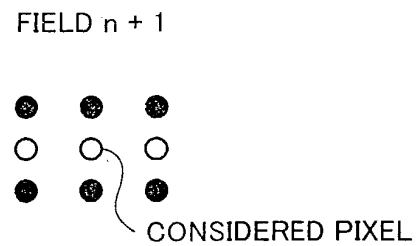


Fig. 23

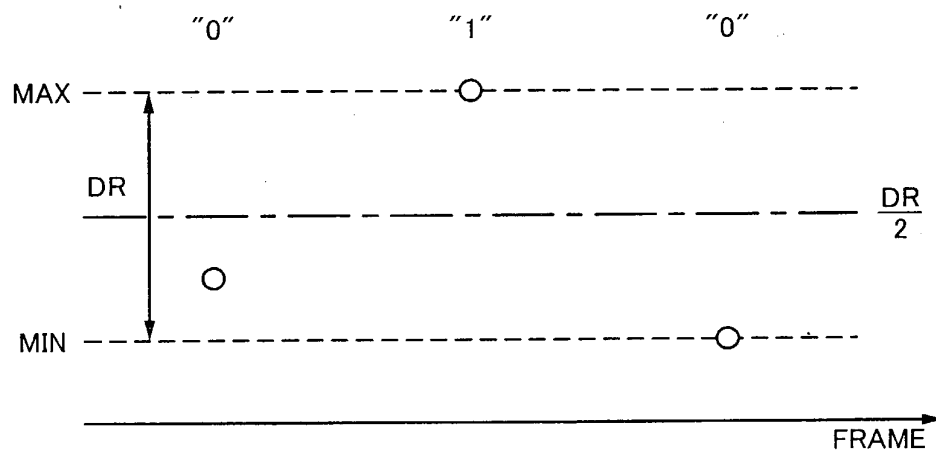


Fig. 24

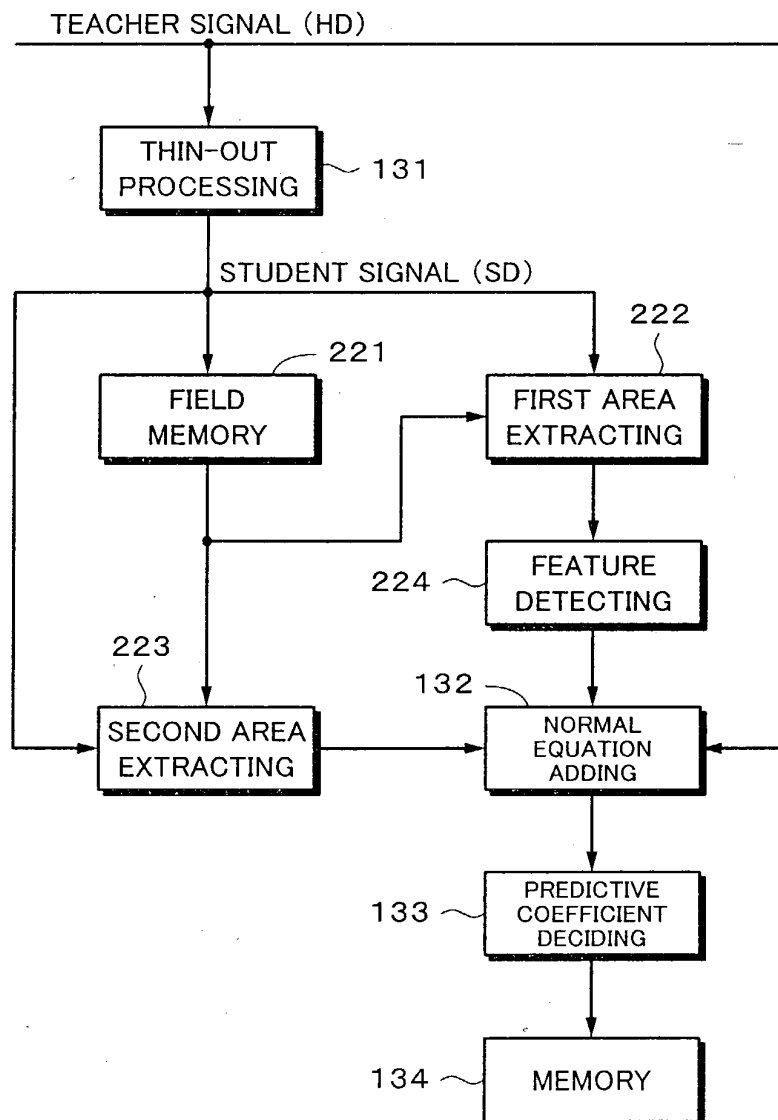


Fig. 25A

NORMAL OUTPUT OF HD

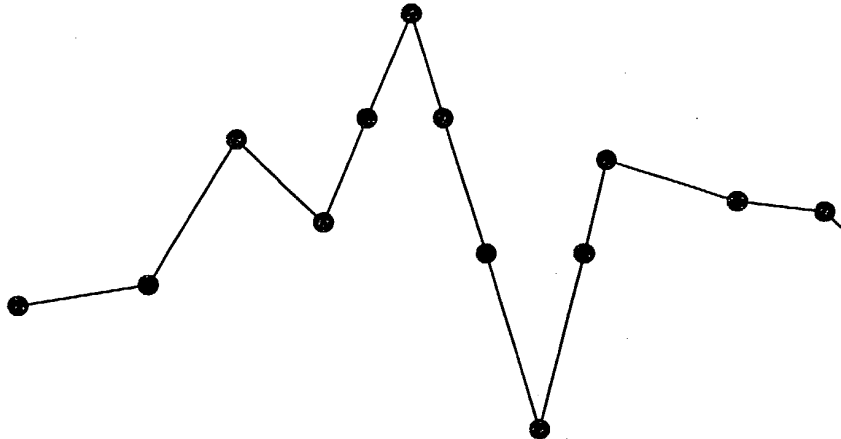


Fig. 25B

OUTPUT OF CLASS CATEGORIZING ADAPTIVE PROCESS

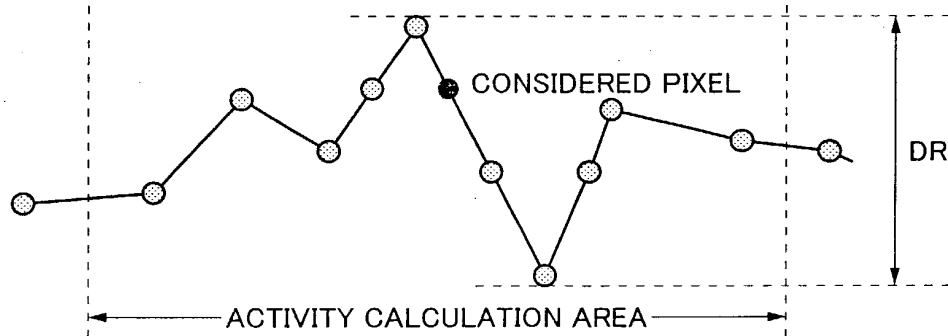


Fig. 25C

OUTPUT BY HIGH DENSITY STORAGE

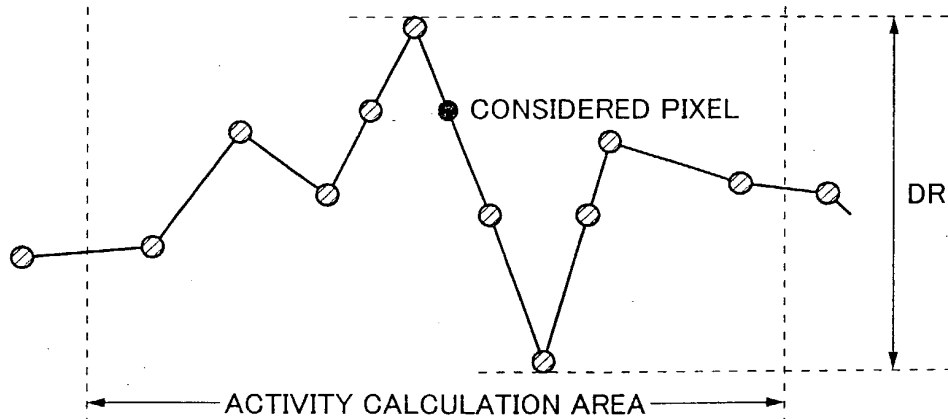


Fig. 26

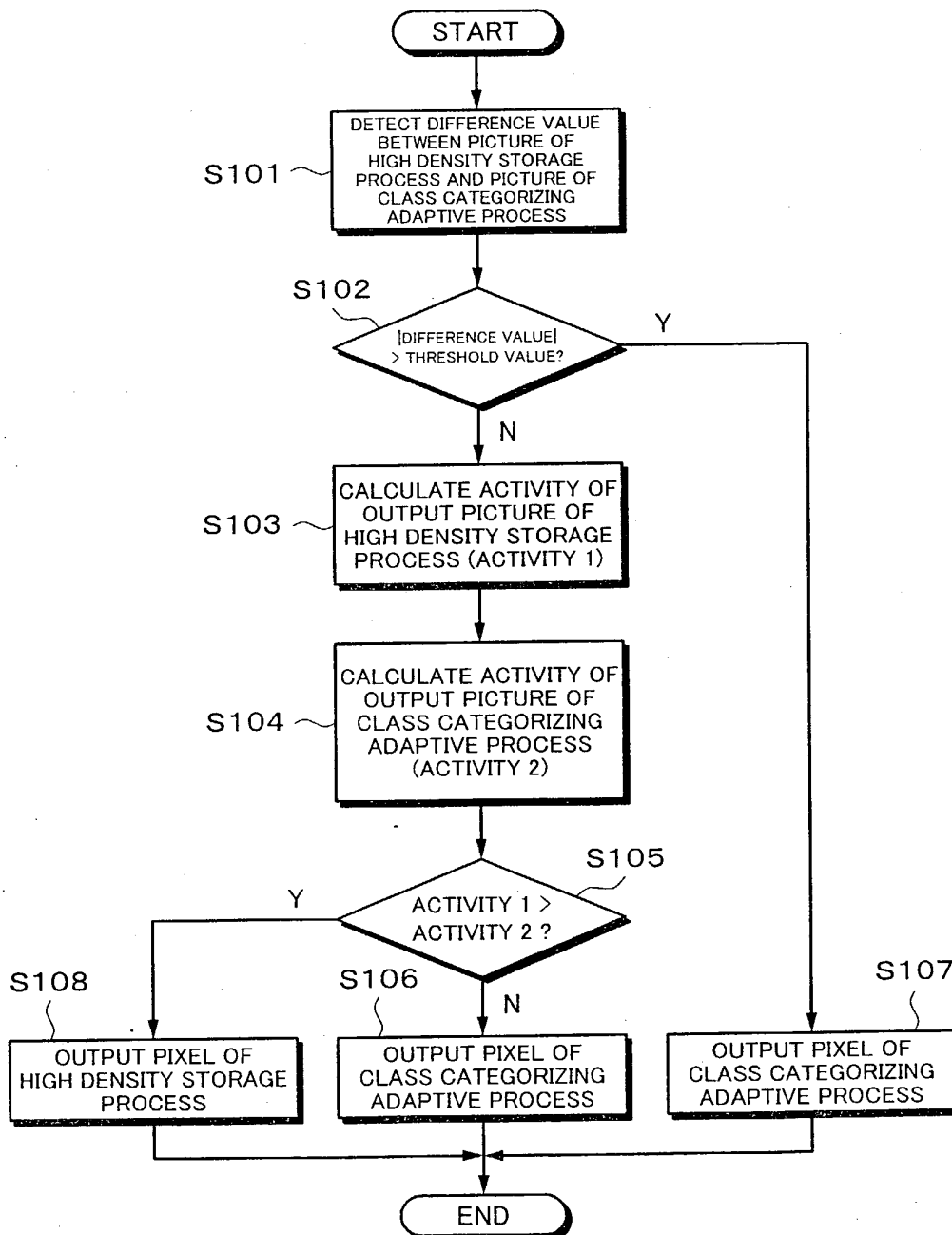


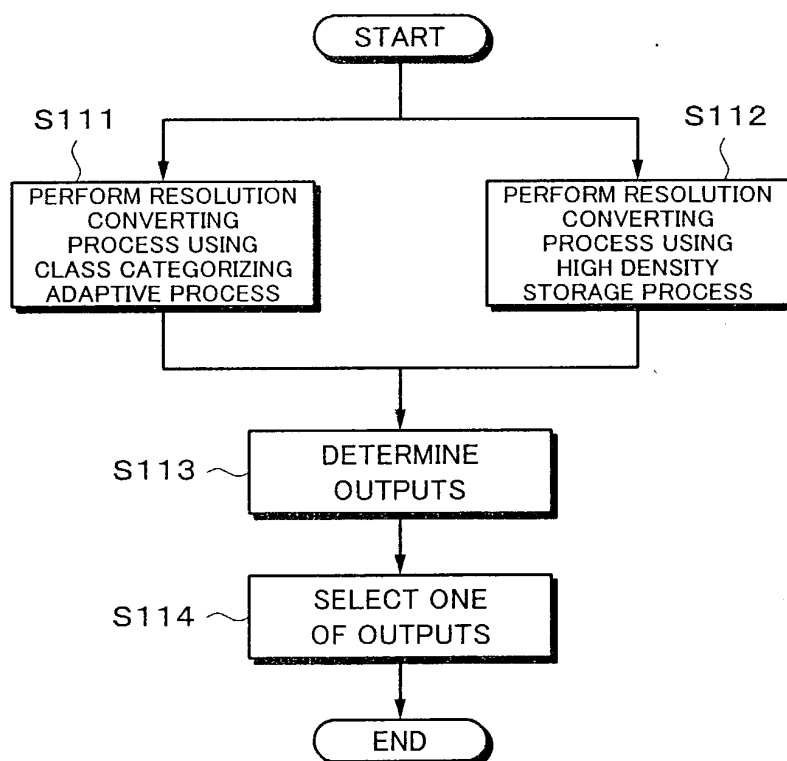
Fig. 27

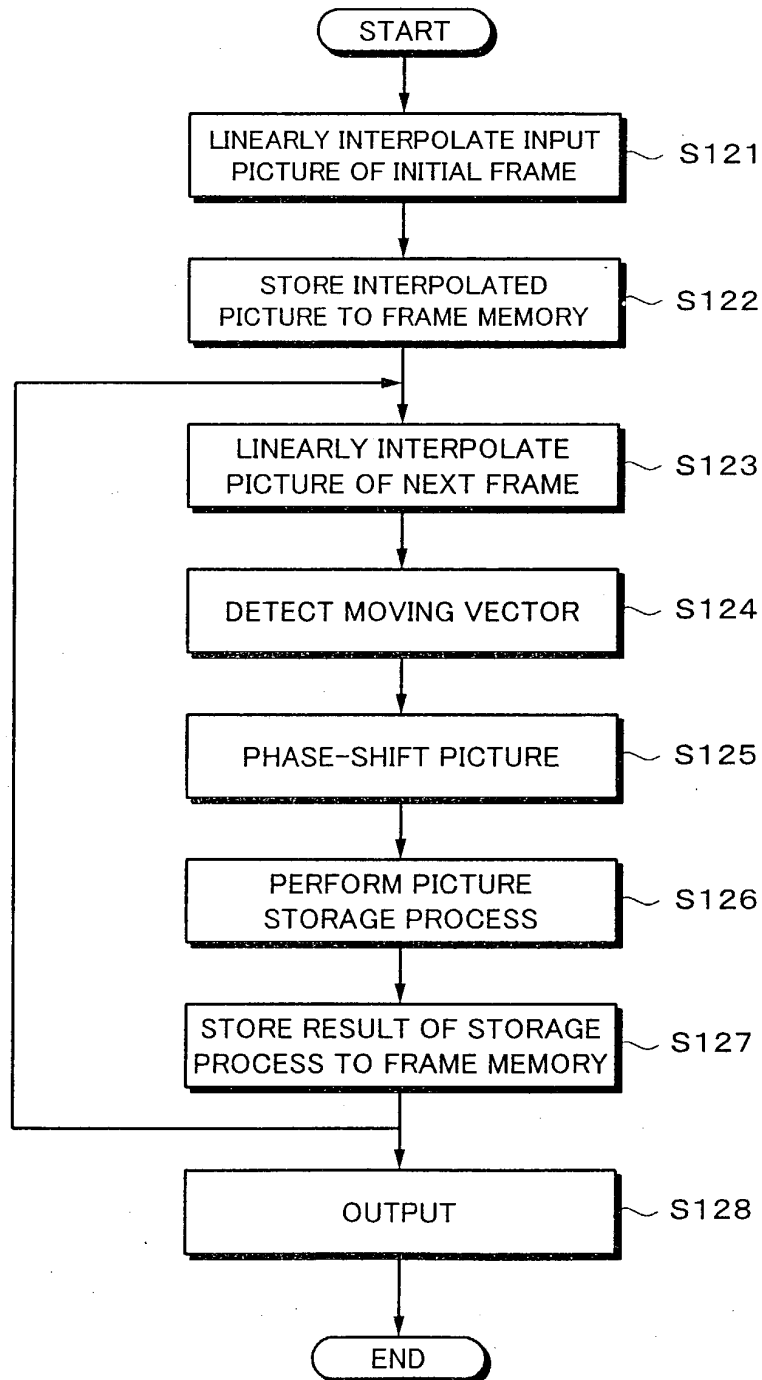
Fig. 28

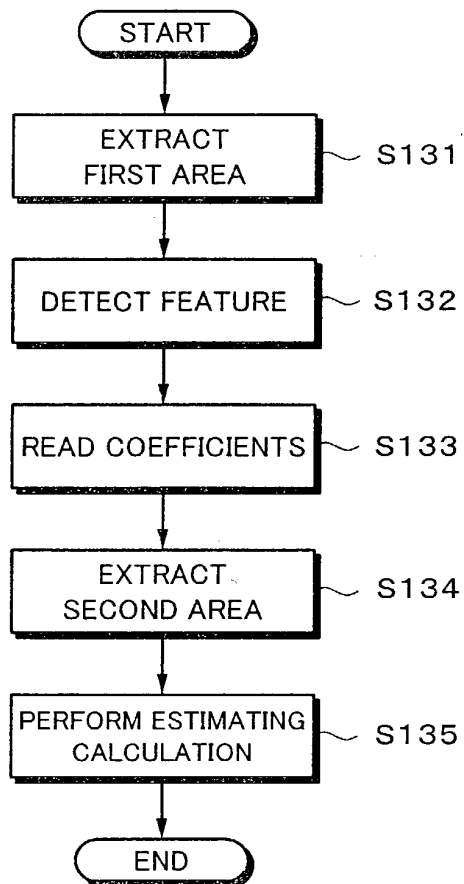
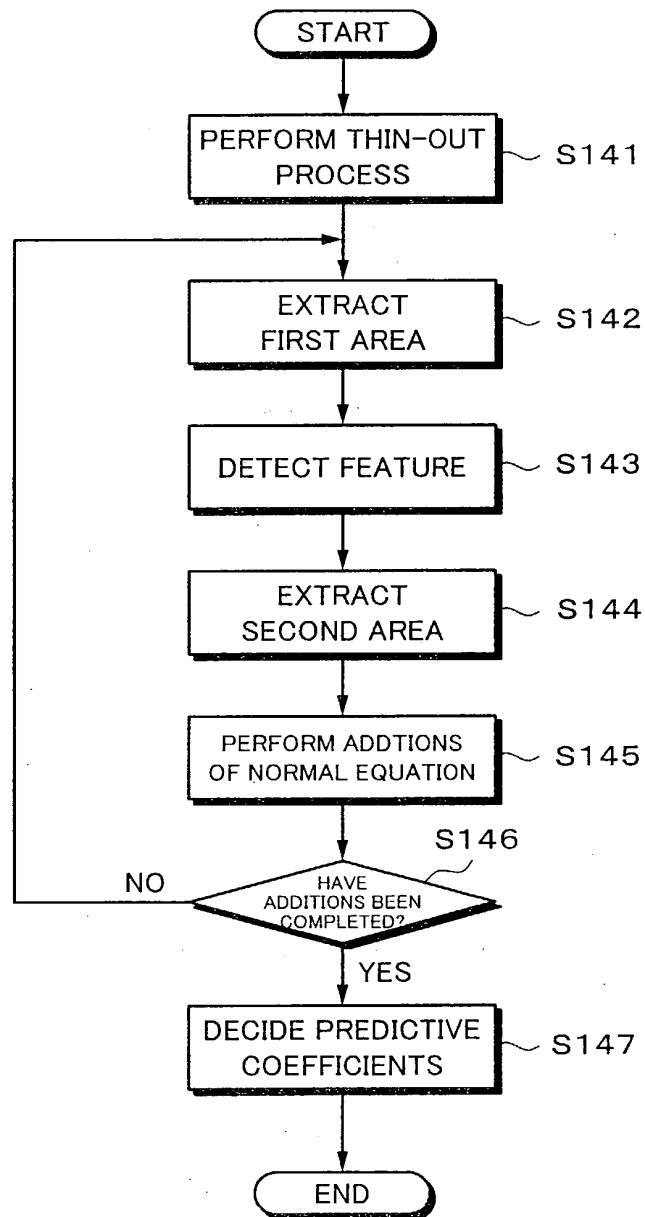
Fig. 29

Fig. 30

DESCRIPTION OF REFERENCE NUMERALS

3	FRAME MEMORY
8	WEIGHTING COEFFICIENT GENERATING CIRCUIT
11	MOTION ADAPTIVE TYPE RECURSIVE FILTER
12	CLASS CATEGORIZING ADAPTIVE NOISE ELIMINATING CIRCUIT
13	OUTPUT SELECTING PORTION
14	STILL PORTION - MOVING PORTION DETERMINING CIRCUIT
100	FIRST SIGNAL PROCESSING PORTION
200	SECOND SIGNAL PROCESSING PORTION
111	HIGH DENSITY STORAGE RESOLUTION CONVERTING CIRCUIT
112	CLASS CATEGORIZING ADAPTIVE PROCESS RESOLUTION CONVERTING CIRCUIT
113	OUTPUT SELECTING PORTION
114	DETERMINING CIRCUIT
210	FRAME MEMORY
212	MOVING VECTOR DETECTING PORTION
213	PHASE SHIFTING PORTION